

VOLTAGE CONTROL CIRCUIT FOR A BICYCLE DYNAMO

ABSTRACT OF THE DISCLOSURE

A device is provided for preventing high voltage from acting on a load driven by a bicycle dynamo. The device comprises a sensor circuit and a control circuit. The sensor circuit senses an operating signal derived from the dynamo, wherein the operating signal corresponds to a voltage generated by the dynamo. The sensor circuit also provides a control signal when the operating signal passes a threshold value. The control circuit is operatively coupled to the sensor circuit and is adapted to be coupled between the dynamo and the load to control the current delivered to the load in response to the control signal.